Supplementary Table 4. All treatment themes across labels

Subacromial impingement syndrome (n=214)		Rotator cuff tear (n=210)		Bursitis (n=225)		Rotator-cuff-related shoulder pain (n=218)		Shoulder sprain (n=217)		Episode of shoulder pain (n=224)	
Theme	N (%)	Theme	N (%)	Theme	N (%)	Theme	N (%)	Theme	N (%)	Theme	N (%)
Rest	59 (27.6%)	Physiotherapy	49 (23.3%)	Medication	69 (30.7%)	Medication	61 (28.0%)	Medication	71 (32.7%)	Medication	83 (37.1%)
Physiotherapy	51 (23.8%)	Rest	47 (22.4%)	Rest	63 (28.0%)	Physiotherapy	52 (23.9%)	Rest	55 (25.3%)	Physiotherapy	56 (25.0%)
Medication	48 (22.4%)	Surgery	40 (19.0%)	Activity modification	31 (13.8%)	Surgery	40 (18.3%)	Physiotherapy	43 (19.8%)	Rest	42 (18.8%)
Activity modification	38 (17.8%)	Medication	36 (17.1%)	Exercise	31 (13.8%)	Exercise	34 (15.6%)	Exercise	43 (19.8%)	Exercise	34 (15.2%)
Injection	25 (11.7%)	Activity modification	30 (14.3%)	Exercise (intensity not specified)	16 (7.1%)	Exercise (intensity not specified)	25 (11.5%)	Exercise (intensity not specified)	32 (14.7%)	Exercise (intensity not specified)	19 (8.5%)
Exercise	25 (11.7%)	Exercise	26 (12.4%)	Light exercise	15 (6.7%)	Light exercise	9 (4.1%)	Light exercise	11 (5.1%)	Light exercise	15 (6.7%)
Exercise (intensity not specified)	19 (8.9%)	Exercise (intensity not specified)	15 (7.1%)	Physiotherapy	30 (13.3%)	Rest	34 (15.6%)	Heat	33 (15.2%)	Heat	24 (10.7%)
Light exercise	6 (2.8%)	Light exercise	11 (5.2%)	Injection	22 (9.8%)	Activity modification	19 (8.7%)	Cold	25 (11.5%)	Massage	22 (9.8%)
Surgery	21 (9.8%)	Heat	16 (7.6%)	Heat	20 (8.9%)	Injection	16 (7.3%)	Activity modification	20 (9.2%)	Injection	21 (9.4%)
Unsure	17 (7.9%)	Unsure	16 (7.6%)	Cold	18 (8.0%)	Investigations	16 (7.3%)	Massage	17 (7.8%)	Investigations	20 (8.9%)
Heat	14 (6.5%)	Wait and see	13 (6.2%)	Normal movements	16 (7.1%)	Irrelevant response	12 (5.5%)	Surgery	16 (7.4%)	Activity modification	18 (8.0%)
Doctor	12 (5.6%)	Injection	12 (5.7%)	Unsure	15 (6.7%)	Chiropractor	11 (5.0%)	Injection	14 (6.5%)	Cold	18 (8.0%)
Massage	12 (5.6%)	Massage	10 (4.8%)	Doctor	13 (5.8%)	Massage	11 (5.0%)	Topical treatments	14 (6.5%)	Doctor	14 (6.3%)
Cold	10 (4.7%)	Investigations	9 (4.3%)	Massage	11 (4.9%)	No treatment	11 (5.0%)	Doctor	12 (5.5%)	Topical treatments	14 (6.3%)
Normal movements	9 (4.2%)	No treatment	8 (3.8%)	Surgery	11 (4.9%)	Heat	10 (4.6%)	Unsure	11 (5.1%)	Surgery	13 (5.8%)
Investigations	7 (3.3%)	Normal movements	8 (3.8%)	No treatment	9 (4.0%)	Cold	9 (4.1%)	Investigations	10 (4.6%)	No treatment	8 (3.6%)
No treatment	7 (3.3%)	Topical treatments	7 (3.3%)	Investigations	7 (3.1%)	Normal movements	9 (4.1%)	Chiropractor	6 (2.8%)	Acupuncture	7 (3.1%)
Topical treatments	6 (2.8%)	Cold	6 (2.9%)	Wait and see	6 (2.7%)	Topical treatments	9 (4.1%)	Immobilisatio n	6 (2.8%)	Chiropractor	6 (2.7%)

Wait and see	6 (2.8%)	Acupuncture	5 (2.4%)	Specialist	5 (2.2%)	Unsure	9 (4.1%)	Irrelevant response	6 (2.8%)	Normal movements	6 (2.7%)
wan and see	0 (2.870)	Acupuncture	3 (2.470)	Topical	3 (2.270)	Olisule	9 (4.1 /0)	Normal	0 (2.870)	movements	0 (2.770)
Acupuncture	4 (1.9%)	Doctor	5 (2.4%)	treatments	5 (2.2%)	Doctor	5 (2.3%)	movements	6 (2.8%)	Unsure	6 (2.7%)
ricapanetare	1 (1.570)	Irrelevant	3 (2:170)	Electrotherap	3 (2.270)	Boctor	3 (2.370)	movements	0 (2.070)	Irrelevant	0 (2:770)
Hydrotherapy	4 (1.9%)	response	5 (2.4%)	у	4 (1.8%)	Wait and see	5 (2.3%)	No treatment	5 (2.3%)	response	5 (2.2%)
Irrelevant	, ,	•	, ,	•			, ,		, ,	Immobilisatio	
response	4 (1.9%)	Specialist	5 (2.4%)	Chiropractor	3 (1.3%)	Acupuncture	3 (1.4%)	Wait and see	5 (2.3%)	n	4 (1.8%)
		Taping/bracin				Taping/bracin					
Specialist	2 (0.9%)	g	5 (2.4%)	Hydrotherapy	3 (1.3%)	g	3 (1.4%)	Compression	3 (1.4%)	Diet	3 (1.3%)
		* 1.00		.				Natural or			
CI.	1 (0.50/)	Immobilisatio	4 (1 00/)	Irrelevant	2 (1 20/)	D' 4	1 (0.50/)	unknown	2 (1 40/)	M : 12	2 (0.00()
Chiropractor	1 (0.5%)	n	4 (1.9%)	response Natural or	3 (1.3%)	Diet	1 (0.5%)	therapies	3 (1.4%)	Manipulation	2 (0.9%)
				unknown						Second	
Compression	1 (0.5%)	Chiropractor	2 (1.0%)	therapies	3 (1.3%)	Hydrotherapy	1 (0.5%)	Acupuncture	2 (0.9%)	opinion	2 (0.9%)
Ergonomics/pos	1 (0.570)	Спиоргасион	2 (1.070)	Prayer/hope/	3 (1.370)	Immobilisatio	1 (0.570)	Reapuncture	2 (0.570)	оринон	2 (0.570)
ture	1 (0.5%)	Compression	2 (1.0%)	meditation	2 (0.9%)	n	1 (0.5%)	Elevation	2 (0.9%)	Wait and see	2 (0.9%)
-	()				()		()		()	Natural or	(/
				Taping/bracin				Taping/bracin		unknown	
Good mattress	1 (0.5%)	Diet	2 (1.0%)	g	2 (0.9%)	Manipulation	1 (0.5%)	g	2 (0.9%)	therapies	1 (0.4%)
Natural or											
unknown			- /4 00/		• (0.00()						
therapies	1 (0.5%)	Time off work	2 (1.0%)	Time off work	2 (0.9%)	Pain clinic	1 (0.5%)	Electrotherapy	1 (0.5%)	Osteopathy	1 (0.4%)
		Cognitive				Natural or		Emergency		D /I /	
Taping/bracing	1 (0.5%)	behavioural therapy	1 (0.5%)	A assesse atoma	1 (0.4%)	unknown therapies	1 (0.5%)	department/ho spital	1 (0.5%)	Prayer/hope/m editation	1 (0.4%)
1 aping/bracing	1 (0.5%)	шегару	1 (0.370)	Acupuncture	1 (0.470)	therapies	1 (0.5%)	Ergonomics/p	1 (0.370)	editation	1 (0.476)
Time off work	1 (0.5%)	Manipulation	1 (0.5%)	Compression	1 (0.4%)	Osteopathy	1 (0.5%)	osture	1 (0.5%)	Specialist	1 (0.4%)
Cognitive	1 (0.570)	Manipulation	1 (0.370)	Compression	1 (0.470)	Osteopathy	1 (0.570)	ostare	1 (0.570)	Брестаны	1 (0.470)
behavioural		Second				Prayer/hope/m				Taping/bracin	
therapy	0 (0.0%)	opinion	1 (0.5%)	Elevation	1 (0.4%)	editation	1 (0.5%)	Hydrotherapy	1 (0.5%)	g	1 (0.4%)
				Emergency							
				department/ho		Second					
Diet	0 (0.0%)	Electrotherapy	0 (0.0%)	spital	1 (0.4%)	opinion	1 (0.5%)	Manipulation	1 (0.5%)	Stay healthy	1 (0.4%)
										Cognitive	
				Ergonomics/p		~		Prayer/hope/m		behavioural	0 (0 00 ()
Electrotherapy	0 (0.0%)	Elevation	0 (0.0%)	osture	1 (0.4%)	Specialist	1 (0.5%)	editation	1 (0.5%)	therapy	0 (0.0%)
		Emergency		Imm chilicatic							
Elevation	0 (0.0%)	department/ho spital	0 (0.0%)	Immobilisatio	1 (0.4%)	Time off work	1 (0.5%)	Specialist	1 (0.5%)	Compression	0 (0.0%)
Elevation	0 (0.076)	spitai	0 (0.070)	n	1 (0.470)	THIE OH WORK	1 (0.570)	Specialist	1 (0.5/0)	Compression	0 (0.078)

	E : /				Cognitive					
0 (0 00 ()		0 (0 00()		4 (0 40/)	_	0 (0 00()		4 (0 =0()		0 (0 00()
0 (0.0%)	osture	0 (0.0%)	Osteopathy	1 (0.4%)	therapy	0 (0.0%)	Time off work	1 (0.5%)	Electrotherapy	0 (0.0%)
0 (0.0%)	Good mattress	0 (0.0%)	Stay healthy	1 (0.4%)	Compression	0 (0.0%)	Stay healthy	1 (0.5%)	Elevation	0 (0.0%)
			Cognitive behavioural				Cognitive behavioural		Emergency department/ho	
0 (0.0%)	Hydrotherapy	0 (0.0%)	therapy	0 (0.0%)	Electrotherapy	0 (0.0%)	therapy	0 (0.0%)	spital	0 (0.0%)
									Ergonomics/p	
0(0.0%)	Pain clinic	0(0.0%)	Diet	0 (0.0%)	Elevation	0 (0.0%)	Diet	0(0.0%)	osture	0 (0.0%)
	Natural or unknown				Emergency department/ho					
0 (0.0%)	therapies	0(0.0%)	Good mattress	0(0.0%)	spital	0(0.0%)	Good mattress	0(0.0%)	Good mattress	0(0.0%)
					Ergonomics/p					
0 (0.0%)	Osteopathy	0(0.0%)	Manipulation	0(0.0%)	osture	0(0.0%)	Pain clinic	0(0.0%)	Hydrotherapy	0(0.0%)
	Prayer/hope/m									
0 (0.0%)	editation	0 (0.0%)	Pain clinic	0 (0.0%)	Good mattress	0 (0.0%)	Osteopathy	0 (0.0%)	Pain clinic	0 (0.0%)
•			Second				Second			
0 (0 0%)	Stay healthy	0 (0 0%)	opinion	0 (0 0%)	Stay healthy	0 (0 0%)	opinion	0 (0 0%)	Time off work	0(0.0%)
	0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%)	0 (0.0%) Good mattress 0 (0.0%) Hydrotherapy 0 (0.0%) Pain clinic Natural or unknown 0 (0.0%) therapies 0 (0.0%) Osteopathy Prayer/hope/m 0 (0.0%) editation	0 (0.0%) osture 0 (0.0%) 0 (0.0%) Good mattress 0 (0.0%) 0 (0.0%) Hydrotherapy 0 (0.0%) 0 (0.0%) Pain clinic 0 (0.0%) Natural or unknown 0 (0.0%) 0 (0.0%) 0 (0.0%) therapies 0 (0.0%) Prayer/hope/m 0 (0.0%) 0 (0.0%)	0 (0.0%) osture 0 (0.0%) Osteopathy 0 (0.0%) Good mattress 0 (0.0%) Stay healthy Cognitive behavioural therapy O (0.0%) Therapy 0 (0.0%) Pain clinic 0 (0.0%) Diet Natural or unknown O (0.0%) Good mattress 0 (0.0%) therapies 0 (0.0%) Manipulation Prayer/hope/m O (0.0%) Pain clinic Second Second	0 (0.0%) osture 0 (0.0%) Osteopathy 1 (0.4%) 0 (0.0%) Good mattress 0 (0.0%) Stay healthy 1 (0.4%) Cognitive behavioural therapy 0 (0.0%) therapy 0 (0.0%) 0 (0.0%) Pain clinic 0 (0.0%) Diet 0 (0.0%) Natural or unknown 0 (0.0%) Good mattress 0 (0.0%) 0 (0.0%) therapies 0 (0.0%) Manipulation 0 (0.0%) Prayer/hope/m 0 (0.0%) Pain clinic 0 (0.0%) Second Second 0 (0.0%)	Ergonomics/p O (0.0%) Osteopathy 1 (0.4%) therapy	Ergonomics/p O (0.0%) Osteopathy O (0.4%) Diet O (0.0%) O (0.0%) Electrotherapy O (0.0%) O	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

N: number of participants.